

Date: Thu, 15 Apr 93 09:31:32 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #466
To: Info-Hams

Info-Hams Digest Thu, 15 Apr 93 Volume 93 : Issue 466

Today's Topics:

 9913 Equivalent Water Trouble
 antenna software
 Cable TVI interference (2 msgs)
 FUTURE SAREX PARTICIPATION?
 Guide to the Personal Radio Newsgroups
 Index to the rec.radio.amateur.* Supplemental Archives
 Repeater listings?
 Sending DX info to the OPDXB
 Wanted: D-104 Microphone, which works with Collins S-line

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 15 Apr 1993 03:58:45 GMT
From: usc!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!nscf!lakes!
jcox@network.UCSD.EDU
Subject: 9913 Equivalent Water Trouble
To: info-hams@ucsd.edu

I am using a 9913 equivalent feedline to my V2S omni at 85 feet. The
feedline comes down the tower (taped to the legs), then into a 2" PVC
underground conduit to the shack. PL-259 connectors are installed at
both ends. The V2S end is weatherproofed with the putty-type sealer and
is inside the V2S mast. This setup has been in service a couple of
years.

The other day, I disconnected the feedline in the shack due to an

impending storm. When I went to reconnect it the next day, the connector was oozing water! The SWR had gone from essentially flat to 10:1. I have since cut the connector off in the shack, and sucked out about two tablespoons of water. Each day, though, it continues to ooze a thimble full of water or so.

I hope to be able to fold the tower, cut off the connector, and pull air through the line with a shop vac to dry it out for reuse. My question is are there others who have had similar problems with the "air core" type lines and is there a preferred method of connector installation (sealing, etc) that works better than others. I realize this may be due to condensation over time (awfully muggy summers in SC). Also, are there any water leakage problems with HyGain V2S users?

Thanks and 73, John WD4PKZ/AFA2TS (USAF MARS)

Date: 15 Apr 93 12:53:48 GMT
From: news-mail-gateway@ucsd.edu
Subject: antenna software
To: info-hams@ucsd.edu

There is a chapter in the ARRL Antenna Book that has a lengthy formula for recalculating dimensions because of substitution of a different diameter wire. Does anyone know of any software, available via ftp, that will do these calculations?

Thanks.

Stan, KC4ZGF

Stanley D. Boyd Business: (205)730-3135
Intergraph Corporation Fax: (205)730-3135
Mailstop: GD3005 Email: sdboyd@afsp.b30.ingr.com
Huntsville, AL 35758-0001

Date: Wed, 14 Apr 93 23:53:43 CDT
From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!sys6626!inqmind!
jim@uunet.uu.net
Subject: Cable TVI interference
To: info-hams@ucsd.edu

prasad@vtaix.cc.vt.edu (Prasad Ramakrishna) writes:

> In article <1qf44aINN1l@rave.larc.nasa.gov> watson@nimbus.larc.nasa.gov (Cath
> >I also have a problem with Channel 19 (CNN) - I can often hear people's
> >paggers and there are lines through the picture which come and go
> >with the transmissions. I wrote to the local FCC office and they turned th
> I am not sure if channel 19 is the culprit, 'cos we have CNN on 20 and
> it has the same problem you described. Even when they had old #s (17),
> I noticed that CNN had the same problem. I thought it was prob. due to
> too many people in our area (students) watching news. Only other channel
> I noticed such a thing was on 4. After getting the converter box,
> I just slap that thing once and guess what, the lines are gone, for sometime.
>
> Life must have been so simple during the stone age.....
> Prasad
>

Where did the lines disappear, on ch. 4, or the mid-band (14-22)
channels?

Jim

jim@inqmind.bison.mb.ca
The Inquiring Mind BBS, Winnipeg, Manitoba 204 488-1607

Date: Wed, 14 Apr 93 23:57:06 CDT
From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!sys6626!inqmind!
jim@uunet.uu.net
Subject: Cable TVI interference
To: info-hams@ucsd.edu

bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:

> How could they have done otherwise?? Cable frequencies start at 2 Mhz and
> go up to almost 1 Ghz according to the published industry standards.
> Most Cable TV starts at 54 Mhz and has at least 38 channels. Let's see,
> $38 * 6 = 228!!$ That makes it from 54 Mhz to 282 Mhz. That covers 2 ham
> bands (and pretty clos to a third) and dozens of other sevicees. Short of
> fixing their leaks, there is no way to avoid interference. At least until
> they get the fiber in. ;-)
>
> bill KB3YV
>

What happens when DVC (Digital Videon Compression) is introduced next
year and instead of just receiving squiggly lines on 2 or 3 channels

we'll be receiving sqiggles on, let's see $3 \times 10 = 30$ channels eventually.

Actually, most cable systems will still reserve channels 2 through 30 for analog (the current system) and 31 on up will be digital. When they all go digital I'll go to DBS or those 27.5-29.5 GHz square dishes I've heard about (CellularVision).

Jim

jim@inqmind.bison.mb.ca
The Inquiring Mind BBS, Winnipeg, Manitoba 204 488-1607

Date: Thu, 15 Apr 1993 16:05:59 GMT
From: usc!cs.utexas.edu!utnut!torn!newshost.uwo.ca!uwovax.uwo.ca!
ppddgc@network.UCSD.EDU
Subject: FUTURE SAREX PARTICIPATION?
To: info-hams@ucsd.edu

Can anyone provide information on how to apply for participating in a future Shuttle Amateur Radio Experiment.

We are interested in getting amateur radio into local schools and feel this would be an excellent way. Are their stringent guidelines?

Thanks alot,

Dave Colvin VE3ZDC
Ares District Emergency Coordinator
London and surrounding counties
University of Western Ontario
London, Ontario, Canada
ppddgc@uwocc1.uwo.ca

Date: Thu, 15 Apr 1993 11:00:27 GMT
From: swrinde!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!news.unomaha.edu!
news@network.UCSD.EDU
Subject: Guide to the Personal Radio Newsgroups
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/personal-intro
Revision: 1.3 03/31/93 23:32:39
Changes: Added description of rec.radio.info

(Note: The following is reprinted with the permission of the author.)

This message describes the `rec.radio.amateur.*`, `rec.radio.cb`, `rec.radio.info`, and `rec.radio.swap` newsgroups. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at `jmaynard@oac.hsc.uth.tmc.edu`. This message was last changed on 27 January 1993.

History

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Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: `net.ham-radio`. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: `net.ham-radio.packet` and `PACKET-RADIO`, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from `net.ham-radio[.packet]` to `rec.ham-radio[.packet]`. Readership and volume grew with the rest of the network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/`rec.ham-radio`. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: `rec.ham-radio.swap`. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the `rec.radio.shortwave` and `rec.radio.noncomm` newsgroups, and established the precedent of the `rec.radio.*` hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew

weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the rec.radio.* hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in rec.radio.*. Taking the successful example of the news.answers group, where informational postings from across the net are sent, the group rec.radio.info was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

The Current Groups

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I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is rec.radio.amateur.misc. It is what rec.ham-radio was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.packet is for discussions related to (surprise!) packet radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome.

The swap group is now rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there.

The reorganization added two groups to the list, one of which is rec.radio.amateur.policy. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. The never-ending no-code debate goes here, as does

the New Jersey scanner law, the legality of ordering a pizza on the autopatch, what a bunch of rotten no-goodniks the local frequency coordinating body is, and so on.

The other added group is rec.radio.cb. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is rec-radio-info@ve6mgs.ampr.ab.ca. Inquires and other administrivia should be directed to rec-radio-request@ve6mgs.ampr.ab.ca. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The rec.radio.amateur.misc, .packet, and .policy groups, and the rec.radio.info group, are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server. The rec.radio.swap group is not available by electronic mail; the gateway that was formerly available for posting at ucbvax.berkeley.edu has been shut down for all but users at UC Berkeley.

A Few Words on Crossposting

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Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the

rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by a .sig virus.
"Liking clean systems and hating buggy ones is about as controversial as
preferring a warm puppy to the cholera bacillus." -- Tom Neff

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Celebrating 60 years of the Univ. of Maryland ARA - W3EAX (1933-1993)

Date: Thu, 15 Apr 1993 11:00:11 GMT
From: swrinde!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!news.unomaha.edu!
news@network.UCSD.EDU
Subject: Index to the rec.radio.amateur.* Supplemental Archives
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4

Archive-name: radio/ham-radio/archives

The following is a list of informational files for this newsgroup available via anonymous FTP from ftp.cs.buffalo.edu (currently at IP number 128.205.32.9).

Questions to bowen@cs.buffalo.edu

1750m.band	- misc info on the 1750m band
ampr_coordinators	- coordinators for packet IP addresses
antenna_refs	- references for articles about antenna designs
arrl-logo.ps	- ARRL logo in PostScript format
arrl_bib	- bibliographies from ARRL literature (ASCII format)
arrl_digital_minutes	- Minutes of the ARRL committee on digital comm.
arrl_fo_jobs	- descriptions of some ARRL Field Organization jobs
arrl_info_service	- announcement of the ARRLs trial information service
cal_pd_freq	- California police frequencies
callbook.tar.Z	- sources for the marvin callsign server v1.3
canadian.Z	- Canadian ham database in FCC format

- carpet.loop.2 - Antenna for apartments and small spaces
- clubcalls.Z - database of US ham clubs
- comb6.zip - HF Propagation Predication program
- docket_91-36 - information regarding the proposed scanner regs
- dxcc-k2di - ARRL DXCC country list
- element_credit - rules about VE credit for earliers exams
- elmers_admin - information about the elmers list (see below)
- elmers_list - list of elmers on the network
- exam_ops - info on exams and exam opportunities
- faq_callsign - frequently asked questions about the callsign server
- faq_ham_1 - frequently asked questions about ham radio (pts 1)
- faq_ham_2 - frequently asked questions about ham radio (pts 2)
- faq_ham_3 - frequently asked questions about ham radio (pts 3)
- faq_packet - frequently asked questions about packet radio
- faq_shortwave - frequently asked questions about shortwave
- fft.com - EGA/VGA DOS command for spectral display (QST 1/92)
- ffth.com - Hercules DOS command for spectral display (QST 1/92)
- field_day_92 - field day rules for 1992
- florida_antenna - Florida State antenna law info
- guide2newsgroups - description of USENET newsgroups dedicated to radio
- ham_sat_sum - summary of information needed to get on satellite
- hams_on_usenet - list of ham operators and e-mail addresses on the net
- hamstacks - information about the question pool stacks
- handicap_waiver - info on obtaining a handicapped test waiver
- hf_rigs - QST reviews of available HF rigs
- ht_info - general information about commercial hand helds
- intro_to_sw1 - info for aspiring short wave listeners
- intro_to_scanners - info for aspiring scanner listeners
- jlem.zip - Program, w/source, for 2kx8 ROM emulator, QEX 01/93
- j-poles - description of j-pole antenna made from twin-lead
- lead_acid_batteries - essay on lead-acid batteries
- license_plates - guide to ham calls on license plates
- logos - PostScript logos for various ham organizations
- mail_order - a database of electronic mail order shops
- manufacturers - names and addresses of ham gear manufacturers
- motorola_ge_service_man - how to get service manuals for Motorola and GE rigs
- new_packeteers - helpful essays for new packeteers
- newcomers - tips and hints for those new to amateur radio
- packet_clubs - organizations you can get more packet info from
- packet_gateways - list of gateways from packet to Internet
- packet_misc - miscellaneous packet info
- packet_software - list of packet software versions
- phone_bbs_list - phone BBSs for ham related issues/software
- pio_handbook - ARRL Public Information Officer's Handbook
- pr_docket_92-136 - text of FCC PR Docket 92-136
- qsl_bureau1 - information about the ARRL QSL bureau
- qsl_bureau2 - "what should I do if" list for the QSL bureau
- qst_prodrev - index of ARRL product reviews in QST

repeater_map_proj - description of Electronic Repeater Mapping Project
 rfi_tips - good posting about RFI
 sol_geo_data - description of daily solar geophysical broadcasts
 sol_terra_terms - glossary of solar-terrestrial terms
 sstv_wefax_info - general help for SSTV and WEFAX users
 usenet_purchases - tips on buying and selling via USENET

For readers of this newsgroup both new and experienced, these files are a de-facto "Required Reading List" to provide definitive answers and pointers to other sources for questions that come up in this forum.

This is also your archive, so any additional articles, guides, or small PostScript graphics that you feel would enhance this collection are most welcome. Submit to Devon via his E-mail address above.

Thanks go to Devon Bowen, KA2NRC, for providing diskspace and maintaining these valuable archives, as well as all the authors who wrote and submitted the information contained in them.

Additional archives out there that have /pub/ham-radio directories are encouraged to "mirror" these files to provide redundant storage for these documents. Some of these sites (which may or may not mirror ftp.cs.buffalo.edu) include:

ucsd.edu	128.54.16.1	/hamradio
nic.funet.fi	128.214.6.100	/pub/ham
csseq.cs.tamu.edu	128.194.2.20	/ham-radio
suntan.tandem.com	130.252.10.8	/hamradio
col.hp.com	15.255.240.16	/packet
talos.cs.buffalo.edu	128.205.32.9	/pub/ham-radio
bubba.business.uwo.ca	129.100.22.42	/hamster/ham
		/hamster/tcpip
		/hamster/mods
		/hamster/view
vax.cs.pitt.edu	130.49.2.1	/pub/arrl8
		/pub/ka9q
		/pub/ncpa
		/pub/tnc2
broilga.cc.uq.oz.au	130.102.128.5	/pub/ka9q
tomcat.gsfc.nasa.gov	128.183.10.100	/public
helios.tn.cornell.edu	128.84.241.2	/pub
wuarchive.wustl.edu	128.252.135.4	/mirrors/msdos/hamradio
		/mirrors/msdos/packet
		/mirrors/msdos/ka9q-tcpip
		/mirrors/cpm/hamradio
		/mirrors/cpm/packet
		/mirrors/misc/hamradio
		/mirrors/misc/packet

		/mirrors/misc/ka9q-tcpip
gatekeeper.dec.com	16.1.0.2	/pub/net/ka9q
sun.soe.clarkson.edu	128.153.12.3	/pub/ka9q
sics.se	192.16.123.90	/archive/packet
		/pub/packet-incoming
sabrina.dei.unipd.it	147.162.2.106	/pub/hamradio
uhunix2.uhcc.Hawaii.Edu	128.171.44.7	/incoming/ham-radio
caticsf.cati.csufresno.edu	129.8.100.15	/pub/ham-radio
ftp.waseda.ac.jp	133.9.1.32	/pub/toumon/ham-radio
garfield.catt.ncsu.edu	152.1.43.23	/pub/hamradio
plan9.njit.edu	128.235.1.10	/pub/hamradio
sunee.uwaterloo.ca	129.97.128.196	/pub/radio
grivel.une.edu.au	129.180.4.7	/pub/ham-radio
uxc.cso.uiuc.edu	128.174.5.50	/pub/ham-radio
iraun1.ira.uka.de	129.13.10.90	/pub/ham-radio
nic.switch.ch	130.59.1.40	/software/hamradio
		/software/mac/ham-radio
iesd.auc.dk	130.225.48.4	/ham-radio
akutaktak.andrew.cmu.edu	128.2.35.1	/aw0g (softkiss-mac)
??????????	129.69.162.1	/pub (login as ftp
		pkt cluster,usa callbook)
gandalf.umcs.maine.edu	130.111.112.21	/pub/ham-radio # ls -l NO !)
pit-manager.mit.edu	18.172.1.27	/pub/usenet/news.answers
tamu.edu	128.194.15.32	/pc-sig
ftp.geo.brown.edu	128.148.116.19	/pub/hamradio

Questions about FTP mirroring and access to appropriate software should be directed to me, or do an Archie search on the keyword "mirror."

For those without FTP access (and only those without FTP access, please), there is an FTP mail server at ftpmail@decwrl.dec.com (IP 16.1.0.1). Send the word "HELP" to this address for more information.

Additional documents on Usenet and other newsgroups may be obtained from pit-manager.mit.edu (IP 18.172.1.127) via anonymous FTP or via mail server (send the word "HELP" to mail-server@pit-manager.mit.edu).

The American Radio Relay League has recently made available a mail-server to distribute many of their informational documents in electronic form. Send E-mail to info@arrl.org with "HELP" in the message body for more information.

Yet another mail-server has been made available by Steve Harding, KA6ETB. Send E-mail to ham-server@grafex.Cupertino.CA.US with "HELP" in the message body for more information.

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Celebrating 60 years of the Univ. of Maryland ARA - W3EAX (1933-1993)

Date: Thu, 15 Apr 1993 15:03:17 GMT
From: usc!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!att-out!cbfsb!
cbnewsg.cb.att.com!mam@network.UCSD.EDU
Subject: Repeater listings?
To: info-hams@ucsd.edu

I think it's great that there are Callsign servers out there in
Internet-land.

Is there a Repeater server? Or, is there an FTP-able file with repeater
listings? I'm interested in 2-meters in general.

Mark --KB2els

Date: Thu, 15 Apr 1993 04:53:48 MDT
From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!access.usask.ca!
kakwa.ucs.ualberta.ca!alberta!adec23!ve6mgs!usenet@uunet.uu.net
Subject: Sending DX info to the OPDXB
To: info-hams@ucsd.edu

Fellow DXer's,

The Ohio/Penn DX Cluster Group and myself would like to thank
all of the DXer's world-wide for the great response to the OPDX
Bulletin. Most of the bulletin's information is supplied by the
Ohio/Penn Group. But now, with the continuing input from both
foreign and stateside, the OPDX Bulletin will grow bigger and
better as time goes on. With the technology of packet radio and
the DX PacketCluster the information that is available can be
very current.

If you would like to contribute DX information, (All contributors
will receive credit), send it to:

Packet Mail - KB8NW @ WA8BXN.OH.USA.NA
InterNet Mail - aq474@cleveland.freenet.edu
BitNet Mail - aq474%cleveland.freenet.cunyv
PRODIGY - DFJH48A
Online Mail - Basic Amateur Radio Frequency BBS (BARF-80)
216-237-8208 14400/9600/4800/2400/1200/300 8/N/1
Leave a message with the SysOp

NOW FAX YOUR DX INFORMATION! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and operates Group 3 FAX Service Class 2 (EIA/TIA 592) only. Use only the dates and times specified. FAX Service Class 1 (EIA/TIA 578) is available upon request by leaving a message to the Sysop on BARF-80 BBS. The FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

73's and Good DX de Tedd KB8NW @ WA8BXN.OH.USA.NA

Date: Thu, 15 Apr 1993 13:59:46 GMT
From: sdd.hp.com!ux1.cso.uiuc.edu!rtaylor@network.UCSD.EDU
Subject: Wanted: D-104 Microphone, which works with Collins S-line
To: info-hams@ucsd.edu

song@iastate.edu (Chang-Hyeon Song) writes:

>Hi, Hams!
>I am looking for Astatic(?) D-104 microhphone, which works for Collins
>S-line(32S-3).
> Please let me know if you have or if you kow used shop which sells those
>microhpones.

>Thanks in advance.

Get the model that has an amplifier in the base. Otherwise, on most of them, you will have to turn the mic gain up most of the way with an increase in hum/noise. You will find several of them for sale at most larger hamfests. Price is usually \$25-\$40. K9ALD

End of Info-Hams Digest V93 #466
